

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kim, et al.

Filing Date: Herewith

Title: PHASE LOCKED LOOP CIRCUIT FOR A FRACTIONAL-N  
FREQUENCY SYNTHESIZER

JC879 U.S. PTO  
10/038299  
01/04/02

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label Number EV016570504US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC 20231.

*January 4, 2002*  
Date

*Denise M. Donahue*  
Denise M. Donahue

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BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

[ ] under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)

[X] under 37 CFR 1.97(b), or  
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)

[ ] under 37 CFR 1.97(c) together with either:

[ ] a Statement under 37 CFR 1.97(e), as checked below, or

[ ] the \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)

[ ] under 37 CFR 1.97(d) together with:

[ ] a Statement under 37 CFR 1.97(e), as checked below, and

[ ] the \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s): Kim, *et al.*

Statement Under 37 1.97(e)

[ ] Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

[ ] No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

[X] Copies of cited references are enclosed.

[ ] Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. \_\_\_\_\_, and references that are not required to be submitted under 37 CFR 1.98.

[ ] The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

[ ] The "concise explanation" requirement under 36 CFR 1.98(a)(3)(i) for reference \_\_\_ is satisfied by:

[ ] the explanation provided on the attached sheet.

[ ] the explanation provided in the Specification.

[ ] abstract.

It is requested the information disclosed herein be made of record in this application.

Applicant(s): Kim, *et al.*

Method of payment:

[ ] Enclosed is a check in the amount of \_\_\_\_\_.

[ ] Please charge Deposit Account of 50-1798 in the amount of \_\_\_\_\_.

[ ] Two duplicate copies of this Statement are enclosed.

[X] Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: January 4, 2002  
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10/038,299

Sheet 1 of 1

Subst. Form PTO-1449

Docket Number (Optional)

SAM-0250

Application Number

not assigned

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant  
Kim, et al.Filing Date  
HerewithGroup Art Unit : 2919  
yet assigned10/038,299  
01/04/02

## U. S. Patent Documents

EXAMINE R		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF
H- < .	AA	5818303	10/06/98	Oishi, et al.	331	1A	07/24/97
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	Translation
							YES
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

H- < .	AR	Brian Miller and Robert Conley, A Multiple Modulator Fractional Divider, IEEE Transactions on Instrumentation And Measurement, Vol. 40, No. 3, June 1991, pages 578-583.
	AS	
	AT	

EXAMINER	Henry chor	DATE CONSIDERED
		4/11/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.